

Vocabulary

Slope

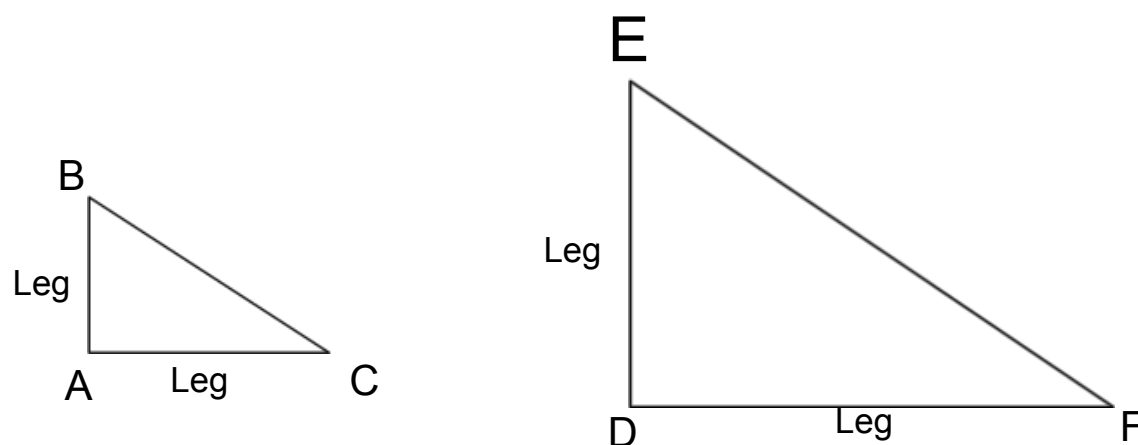
Rise

Run

Similar Triangles

Triangles and Slope

How are they the same? How are they different?



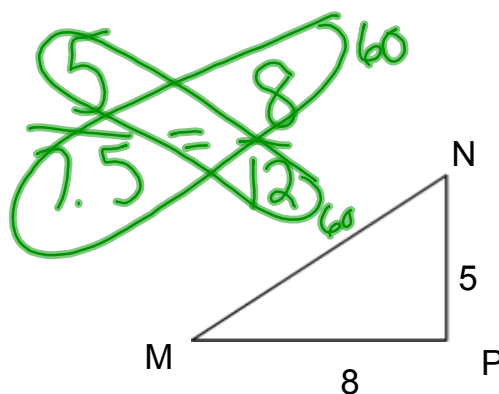
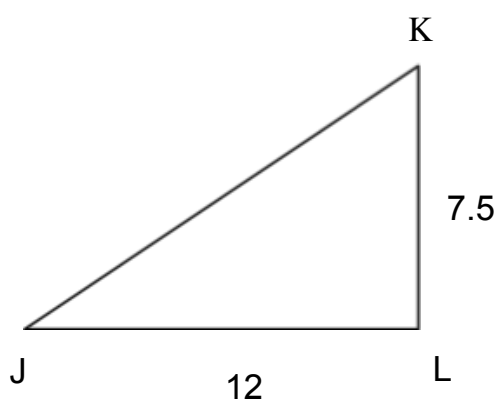
What are the sides that correspond?

$$\frac{AB}{DE} = \frac{AC}{DF}$$

Two triangles are similar if their corresponding leg lengths are proportional.

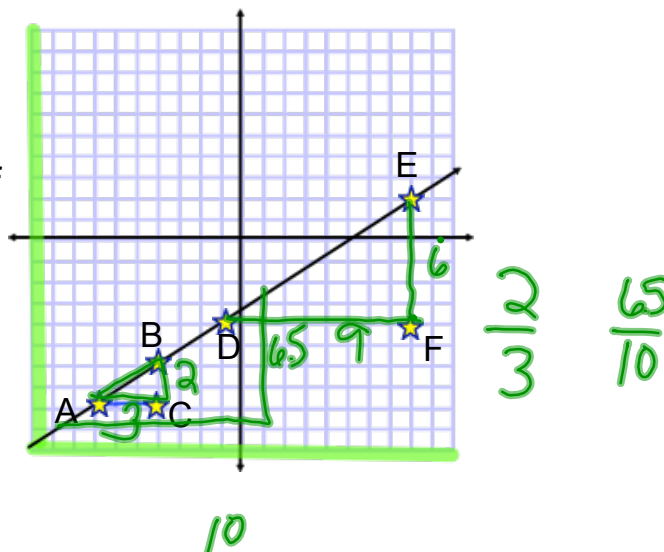
Your Turn:

Are the two right triangles similar? Explain?



😊 Using Similar triangles to find the slope

For each triangle,
find the ratio of the
length to the length of
the horizontal leg.



Triangle ABC

Triangle DEF

b. How is slope related to the ratios

Complete Workbook p32A

